

The following claims are presented for examination:

1. (currently amended) A power amplifier ~~including comprising~~ a resistive element connected at an output thereof to maintain a low impedance at the output across a range of operational frequencies.
2. (currently amended) ~~A power amplifier according to The power amplifier of~~ claim 1 further including a transistor for receiving a signal to be amplified at an input and for providing an amplified signal at the output.
3. (currently amended) ~~A power amplifier according to The power amplifier of~~ claim 1 ~~or claim 2~~ wherein the output is adapted for connection to a modulated power supply.
4. (currently amended) ~~A power amplifier circuit according to The power amplifier of~~ claim 3 wherein the output is adapted for connection to a modulated power supply via a supply feed inductance.
5. (currently amended) ~~A power amplifier circuit according to any preceding claim The power amplifier of claim 1~~ wherein said resistive element comprises a resistor.
6. (currently amended) ~~A power amplifier circuit according to any preceding claim The power amplifier of claim 1~~ further comprising a reactive element connected in series with said resistive element.
7. (currently amended) ~~A power amplifier circuit according to The power amplifier of~~ claim 6 wherein said reactive element comprises a capacitive element or an inductive element in series with a capacitive element.
8. (currently amended) ~~A power amplifier circuit according to The power amplifier of~~ claim 7 wherein said inductive element comprises a conductive element of said circuit.
9. (currently amended) ~~A power amplifier according to The power amplifier of~~ claim 8 wherein said conductive element comprises a part of a conductive track or a bond wire.

10. (currently amended) A power amplifier according to any one of claims 7 to 9 The power amplifier of claim 7 wherein said inductive element comprises an inductor.

11. (currently amended) A power amplifier according to any one of claims 7 to 10 The power amplifier of claim 7 wherein said capacitive element comprises a capacitor.

12. (currently amended) A power amplifier according to any one of claims 2 to 11 The power amplifier of claim 2 wherein the signal to be amplified is a radio frequency signal.

13. (currently amended) A power amplifier circuit comprising:
a transistor for receiving a signal to be amplified at an input and for outputting an amplified signal at an output;
a modulated power supply connected to the transistor output; and
a resistive element connected at the transistor output such that a low impedance is maintained at the transistor output across a range of operational frequencies.

14. (currently amended) A method of maintaining a low impedance across a range of operational frequencies in a power amplifier, the method including comprising providing a resistive element at an output of the power amplifier.

15. (currently amended) A method according to The method of claim 14 further comprising the step of providing a reactive element connected in series with said resistive element.